

# FOLIO

University of Alberta

12 September 1985

## United Way Campaign Starts Next Week

The Edmonton and Area United Way Campaign will start on 19 September and end on 31 October. The University of Alberta objective this year is \$180,000. This is the same objective as in the previous two campaigns.

Near the end of September, every employee of the University should receive a kit containing information about the United Way, a contribution form and a return envelope. Please remember that every contribution, however large or small, will make a difference.

Volunteers are needed to help with the campaign. Such tasks as assembling the kits and attaching the mailing labels require the help of volunteers. If you can help in the campus United Way Campaign, telephone Brendan O'Neill (432-5227) or Don Richards (432-4916). □

## Registration: No One Missing in Action

Registration week on campus has, in the past, been a lesson in patience and endurance. Usually there have been long, hungry, thirsty line-ups for muffins and coffee, with traffic often going in four directions at once. In the past, it was not unusual for a staff member to be accosted by a totally lost, panic-stricken student with only five minutes left to change a course.

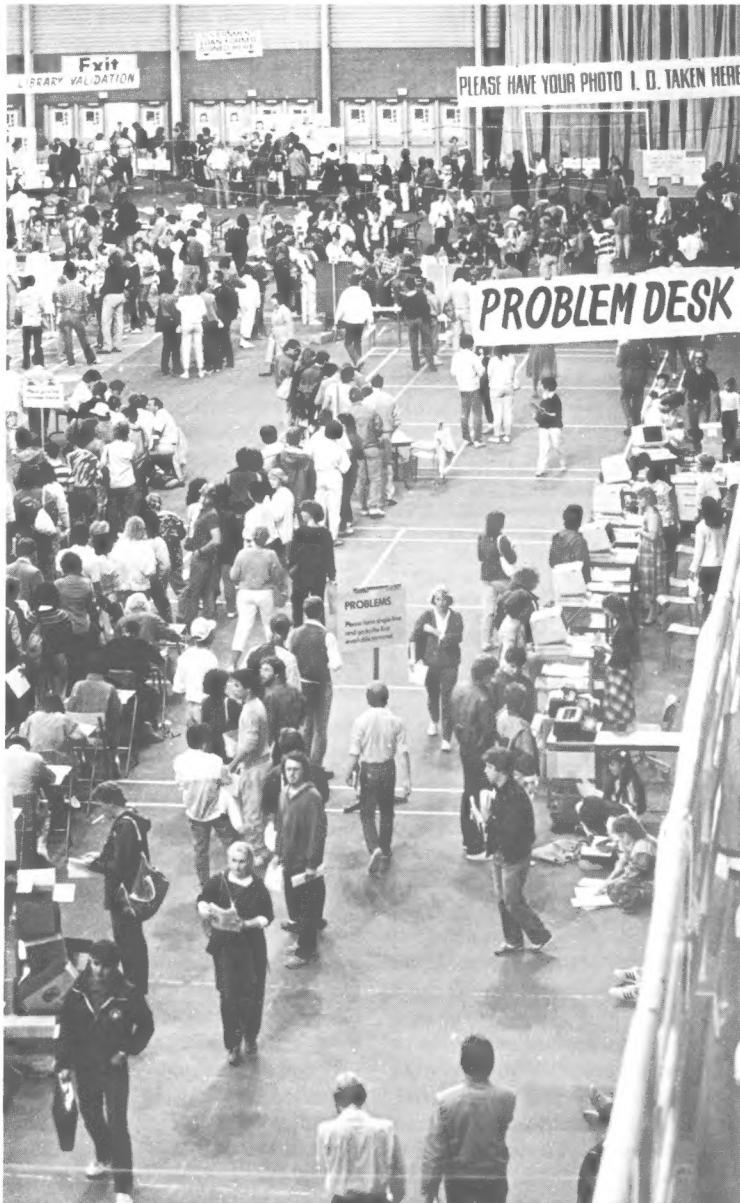
However, no complaints have been heard (yet) this year. Students are being whisked through registration lines in only half an hour, and seem to have no major problems getting their timetables arranged. People at the Student Action Centre are amazed at how well prepared students have been, with proper signatures and forms correctly completed. One staff member noted that this year "they even seem to know how their student loan applications have to be filled out."

Our latest 1985 figures indicate a rise in the number of undergraduate students registered: 12,064

new applicants as compared to 11,793 in 1984, and 6,883 re-applications compared to 7,202 in 1984.

Meanwhile, on the commercial side, Edmonton Telephones enlisted the aid of a walking telephone to shake hands and dispense

flyers advertising the phone centre on campus, set up temporarily in the Physical Education Building. By 6 September they had sold approximately 130 souvenir red phones, and rented some 600 newer models. □



## Contents

- Canadian Encyclopedia a winner
- Theoretical Physics Institute turns 25
- Richard Tiberius and peer consultation
- Summer Youth University
- Wall of Fame to expand



University of Alberta

## United We Stand

Don Wheaton, Sr. is not daunted by a challenge. United Way General Campaign Chairman, he realizes that the community is fighting a pitched battle with economic uncertainty. While unemployment is lower now than at a corresponding time last year, it remains uncomfortably high.

"Forty-nine percent of those who are unemployed are heads of households and, in fact, it is esti-



mated that more than 15 percent of the families in our community are below the poverty line. The stress and distress related to this situation has resulted in increased need for social programs throughout all levels of our society," Mr. Wheaton says.

The United Way can make a difference. Contributions mean help for the unemployed, for families in crisis, for children at risk, for troubled youth, for victims of suicide, for the physically and mentally dis-

12 September 1985

for the physically and mentally disabled and for isolated seniors. A person's gift to the campaign provides funding to more than 100 essential services. One in three Edmonton and area residents are direct beneficiaries of United Way-funded services.

Volunteers contribute almost one million hours of service to the United Way annually, making it the single largest voluntary fundraiser in the city. Studies show that the United Way remains one of the most cost-efficient fundraisers in the community.

Mr. Wheaton and the team of volunteers plan to raise \$5,708,835. These monies will allow United Way to:

- Maintain the more than 100 human care programs within the Canadian Red Cross (the United Way's partner) and 40 member agencies, including the Arthritis Society - Alberta Division, the Association for the Hearing Handicapped, the Family Service Division and the Sexual Assault Centre.
- Fund several new and expansion programs within the participating agencies.
- Maintain an effective level of funding for special service projects to meet new and emergent needs.

The United Way Campaign happens only once a year so, to echo its new slogan, "Good things can happen—if you play your part." □

## Canadian Encyclopedia Sure to Please

The observation in "Pogo" that "we have met the enemy and he is us" once held true as regards the Canadian identity and our reluctance to embrace it. No more. Not with the publishing of the *Canadian Encyclopedia*, a three-volume work that contains just about everything found under the (Canadian) sun.

Mel Hurtig, whose firm published the *Encyclopedia*, said the intention from the beginning was to produce a low-cost encyclopedia that the average family could have in its home. What that family and the other 154,499 owners of the set will have is thousands of carefully researched and clearly written articles and a plethora of maps and drawings. It is estimated that if a reader read 20,000 words a day, eight hours a day, he would come to the closing article six and a half months later.

At a luncheon at the Centre Club last Thursday, Hurtig, *Canadian Encyclopedia* Project Vice-President and Managing Director Frank McGuire, and Editor-in-Chief Jim Marsh formally recognized this University's contribution to the five-year undertaking, unquestionably the biggest publishing job in Canadian history.



At a coming out party for the Canadian Encyclopedia, Mel Hurtig (left) paid tribute to the University's participation in the project. President Horowitz and seven others—Lorne Leitch, David Norwood, Dale Bent, Len Young, Bernie Cordell, Douglas Martin and Bernadette Quenneville—were given complimentary sets in advance of the opening of cross-country sales. Ron Phillips, who was unable to attend the luncheon, will receive a set in the near future. A page near the beginning of volume A records the effort put forth by the University in bringing an idea to fruition.

# FOLIO

Volume Twenty-two  
Number Six

Office of Public Affairs  
423 Athabasca Hall  
University of Alberta  
Edmonton, Alberta T6G 2E8  
(403) 432-2325

All enquiries and correspondence should be directed to:  
Ron Thomas  
Editor

Public Affairs produces *Folio* on a regular basis for the staff and other interested persons.



University  
of  
Alberta

### Deadlines:

**Notices of coming events:** 9 a.m. three weeks in advance of desired publication date.

**Classified advertisements:** 3 p.m. one week in advance of desired publication date. This date also serves as the deadline for cancellation of advertisements. Advertisements cost 30 per word with no discount for subsequent insertions. There is a maximum limit of 30 words and a minimum charge of \$1.50. Contributors' corrections will be assessed at \$1.50 for each line in which an insertion is made. Advertisements cannot be accepted over the telephone. All advertisements must be paid for in full at the time of their submission.

**Display advertisements:** 3 p.m. one week in advance of desired publication date. Contact Public Affairs for sizes, rates and other particulars.

The editor reserves the right to select, edit and position submitted copy. Views expressed in *Folio* do not necessarily reflect University policy.

*Folio* contents may be reprinted with acknowledgement.

ISSN 0015-5764  
Copyright 1985

All typesetting for the \$12 million project was done by Printing Services. The editorial offices were housed on campus and Computing Services, the Library and numerous academic units delivered the goods when called upon. Harry Gunning, Chairman of the *Encyclopedia's* National Advisory Board, said the association with the University constituted "a major card of entry" to the broad base of scholarly affairs.

Editor Marsh recalled the days when he and four others went from department to department seeking advice. That the group made a favorable impression is reflected in the fact that 360 members of staff contributed to the *Encyclopedia*. "People were always just a phone call away," Marsh told the luncheon guests.

Looking none the worse for wear, the Torontonian said there was "so much involved with getting someone to write an article and then having it verified. We have massive files on articles as brief as 150 words."

President Horowitz, who received one of 100 gold-finished sets of the *Encyclopedia* earlier in the week, reported that he went through the first volume and part of the second in just two days. He

encountered a "super section" on Canadian literature and was quite taken with the treatment of culture in general. Dr. Horowitz said the University has learned a lot from being involved in the entire operation (the agreement with the publishers was endorsed by the Board of Governors in May 1980). "In a sense we see the *Encyclopedia* as ours."

If Hurtig's projections hold, all sets will be sold by Christmas. Eaton's, for example, has ordered 10,000 sets and, as of 4 September, 7,200 of them had been purchased.

Translation into French is about 75 percent complete and publication is scheduled for fall 1987.

"We aimed for appearance and readability more than anything else," Bernie Cordell of Printing Services said. *Webster's Ninth* was the bible when it came to spelling and hyphenation. Unlike many encyclopedias, the *Canadian Encyclopedia* has an index. Another nice feature is that, wherever appropriate, articles are signed.

Besides the distribution of the special editions and the gifting of schools and libraries across Canada, sets will be sent to 42 countries and to every state in the U.S. □

# A Milestone Birthday for Theoretical Physics Institute

The Theoretical Physics Institute has attained the half century mark. Since its opening in the autumn of 1960, one of the Institute's foremost activities has been to invite distinguished theoreticians for various lengths of time. To share in the marking of the anniversary, the same *modus operandi* will be followed. Between 18 and 20 September, Nobel laureate Julian Schwinger, Dirk ter Haar, Oxford University, and Don Betts, Dalhousie University, will give lectures in the Tory Turtle.

H. Schiff of the Institute told *Folio* that each lecturer will speak in a historical vein and follow that with a more specialized address. Ergo, such topics as "The Nature and nurture of theoretical physics in Canada," "Ergodic theory, a historical survey," and "Turbulence in plasma and fluid."

Dr. Schwinger was a prodigy—he wrote his first paper when he was 17 and took his doctorate at 21. In 1947, he developed quantum electrodynamics on his own and succeeded in explaining the Lamb shift, the anomalous magnetic movement of the electron, and so forth. Few were taken by surprise when he became full professor at Harvard University at the age of 29. He received the Nobel prize in 1965. Currently a professor at the University of California in Los Angeles, his work leans heavily toward mathematical physics.

Dirk ter Haar has been a research fellow at Bohr's Institute in Copenhagen, a professor at Purdue, and a lecturer at St. Andrews. Since 1956, he has been at Oxford where he is a fellow of Magdalen College and University Reader in Theoretical Physics.

Dr. Betts was Professor of Physics for a number of years and earned a reputation as a polished broadcaster on scientific activities. He is now Dean of Arts and Science at Dalhousie.

Among the distinguished scholars whom the Institute has brought to campus for extended visits are H. Ezawa, Gakushuin University; Y. Fujimoto, ICTP; M. Martellini, University of Milan; and D. Pavon, University of Barcelona. Short-term guests include R. Baxter, Australian National University; E.W. Fenton, National Research Council; H. Frohlich, University of Liverpool; M. Konuma, Keio University; and C.Y. Huang, Los Alamos Lab. All visitors exchange research information, and a good many present seminars which are attended by faculty and students.

In turn, members of the Institute

are invited to speak at universities throughout the world and these external activities involve presentations at seminars, invited talks and positions as visiting scientists. Members have been asked to such institutions as Institut für Theoretische Physik, Göttingen, University of Innsbruck, Tokyo University, Istituto Italiano per gli Studi Filosofici, Napoli, and the Centre de Physique Théorique.

The Theoretical Physics Institute was the brainchild of L.E.H. Trainor, now at the University of Toronto. It was officially opened by H. Fröhlich, F.R.S., of the University of Liverpool. The charter permanent members were Dr. Betts, the late A.B. Bhatia, Dr. Schiff, Dr. Trainor, W. Israel, R.O.A. Robinson (deceased), W.T. Sharp (deceased), and M. Wyman.

The Institute consists of permanent members who hold regular permanent academic appointments in one or more departments, post-doctoral fellows, research associates and support staff. The fields of research are general relativity, field theory, elementary particles, condensed matter and nuclear physics.

Y. Takahashi is the current director of the Institute. (Each director serves a three-year term.) □

## Helping Teachers to Help the Teachers

Richard Tiberius was on campus recently to conduct "A quick course in peer consultation", the first of this term's workshops in CITL's program of courses for the improvement of teaching and learning.

The focus of the workshop was on techniques of getting feedback from students, a process Dr. Tiberius believes is most effectively performed for a teacher by a peer consultant.

In an interview with *Folio*, he said that in teaching, content and process are distinct and separate parts. Content is the teacher's professional prerogative, but process is the concern of the student. A teacher who wants to improve the process and asks students for their suggestions may not find the replies very helpful. The objections are sometimes to course content—which is not something students are necessarily competent to evaluate; and other times students may be too polite, or too kind, to tell the brutal truth about how they perceive the teaching process they are being subjected to. Yet teachers need to know how students perceive them, and whether their teaching processes are helping learning or hindering it. This is where a peer consultant, with experience of effective teaching processes and skilled in the ways of eliciting feedback from students, can be very helpful.

Our University, Dr. Tiberius

commented, is the only university he knows of that has established peer consultation as an on-going process within its own Faculties. He added, in an aside, that teacher skills are one thing, but student skills are quite another. He found it interesting that there is much emphasis on improving teaching and many courses are given on the subject; but he has yet to hear of workshops for students to learn how to improve their learning and studying skills.

Dr. Tiberius, whose early gradu-

ate work was in the psychology of motivation, has a PhD in psychology, with a minor in moral philosophy. He holds an appointment in the Division of Studies in Medical Education in the Faculty of Medicine at the University of Toronto, and is also on the staff at OISE where he teaches a graduate course on strategies for the enhancement of the teaching and learning process in post-secondary institutions.

CITL's fall program is available from Bente Roed Cochran at 432-2826. □

## Graduate Teaching Assistants to Have Teaching Skills Workshops

Graduate teaching assistants will find much to help them in their teaching responsibilities in the workshops put together especially for them this month by the Committee for the Improvement of Teaching and Learning.

There are 13 presentations, covering a variety of topics. Some sessions are designed especially for the beginning teacher. Others are for those with more experience.

A new course this year has been designed especially for graduate teaching assistants from non-English-speaking countries: "Ta-

gible Tips for Teaching at the U of A."

Among other subjects covered are "Basic guidelines for language teachers," "Teaching in the laboratory," "Approaching your first class," "Practical advice on lecturing," and "Marking written assignments."

All workshops are free. They take place on different days, in different places and at different times. Further information from Bente Roed Cochran, 230 Assiniboia Hall, 432-2826. □

## Alumnus Named Canada Council Director

Peter Roberts, currently Canada's Envoy to the Soviet Union, has been named Director of the Canada Council. He will replace Michael Porteous effective 1 October.

Mr. Roberts, who graduated from this University in 1949 with a BEd and an MA in 1951, is a Rhodes Scholar who studied English at Oxford from 1951 to 1953. After lecturing in English at Bishop's University in Lennoxville, Quebec, he joined External Affairs in 1955 and was posted to the Soviet Union. Roberts returned to Ottawa in 1959 as head of External's Soviet desk. According to records in our Office of Alumni Affairs, he was described by his mother in 1957 as a "budding diplomat."

Roberts' mother was right. In 1962, her son went to Hong Kong as Trade Commissioner, thence to Ho Chi Min City (Saigon) in 1965 as Political Adviser to the Inter-

national Control Commission and to Washington, D.C., as a political counsellor. In 1969, Roberts was appointed Deputy Head of the permanent Canadian delegation to NATO. Assistant Undersecretary of State for Cultural Affairs from 1973 to 1979, Roberts fulfilled his mother's prediction when in August of 1979 he was appointed Ambassador to Romania. He remained in this position until his appointment to Moscow in 1983.

Maureen Forrester, a graduate of the same secondary school in Montreal as President Horowitz, remains Canada Council Chairman. □

## Tom Berger Keynote Speaker at St. Stephen's College Convocation

Thomas Berger, recently referred to by Allan Fotheringham as the man who made Canadians think, will be the St. Stephen's College Fall Convocation speaker at All Saints' Anglican Cathedral on 25 September at 8 p.m.

The Hon. Thomas Berger is a person of several careers—a former politician, judge, author and Royal

Commissioner. He is noted for the two commitments that have shaped his life and drawn media attention: to Native peoples and to the environment that sustains them. Berger is currently completing a two-year study of the future course of the Native people of Alaska, and his report will soon be published in book form by the New York house of Farrar, Strauss and Giroux under the title, *Village Journey*.

His book, *Fragile Freedoms*, examines the history of dissent and human rights in Canada. It is a book about minorities and dissenters and their struggles, victories and defeats. It sharpens our perception of ourselves and our values as Canadians. Developed from a series of lectures, *Fragile Freedoms* is a challenging, sometimes disturbing and absorbing contribution to our understanding of earlier times and the quest to be just in our own time.

Berger most recently had agreed to undertake the defence of Richard Price, an alumnus of St. Stephen's College and the University of Alberta. Price had been charged by the federal government with breach of trust for leaking documents regarding funding cuts for Native services to Terry Anderson, a former faculty member of St. Stephen's.

In the minds of many Canadians, Berger is the one name to be associated with the celebrated MacKenzie Valley Pipeline, since he was the one-man Royal Commission that galvanized Canadian popular opinion with respect to that project. His decision regarding the current report on the future course of Native people of Alaska will presumably have a large impact on the American government.

Appointed to the Supreme Court of British Columbia at the age of 38, Berger was once again the focus of public attention during the patriating of the Constitution. At that time, he spoke out to protest the exclusion of women and Native peoples from the Charter of Rights and Freedoms. Chief Justice Bora Laskin deemed it inappropriate that a Justice of a Provincial Supreme Court make such comments and Berger stepped down from the Bench to return to private life.

At the 25 September Convocation, honorary degrees will be awarded The Reverend Jack Colclough, Minister of Knox Metropolitan United Church; Sherburne McCurdy, immediate Past President of Alberta College; and the Hon. Ralph G. Steinhauer,



Thomas Berger

former Lieutenant-Governor of Alberta.

A graduate theological school of the United Church of Canada, St. Stephen's College has been affiliated with the University since 1908. □

## Advisory Committee on Women's Studies 'Books' Dale Spender

Many Albertans will need no introduction to Dale Spender. Her prolific writings and feminist analyses of language, literature and history ensure that she is well-read around the world. Her most recent books include *Man Made Language* (1980), *Women of Ideas and What Men Have Done to Them—from Aphra Behn to Adrienne Rich* (1982), and *There's Always Been a Women's Movement This Century* (1983). She has also edited several other books and is the founding editor of *Women's Studies International Quarterly*, a scholarly, multidisciplinary women's studies journal.

Through the efforts of the Advisory Committee on Women's Studies and with financial assistance from the Endowment Fund for the Future, Spender will be a Distinguished Guest Lecturer at the University of Alberta from 19 September to 3 October. During her stay, she will give four public lectures as well as several smaller seminar presentations.

On 23 September, Spender will speak on "Mothers of the Novel; 106 Good Women Novelists Before Jane Austen." This lecture will address how and why women "invented" the novel, and how and why

men have claimed this forum as their own (and have been perceived to be better at it).

The next day (2 to 3:30 p.m.), Spender will give a public seminar at Athabasca University on "Reflecting Men." In this talk she will examine the ways that women manage men's egos. The lecture draws on the title of a forthcoming book with Andre Deutsch which focusses on Virginia Woolf's thoughts that for centuries women have served as looking glasses for men, reflecting them at twice their normal size.

"The Silence of Women" will be the topic on 26 September. In this lecture Spender will look at how women are silenced in language and in culture. She will examine the "absence" of women's meanings in semantics, the curriculum and in the selective recording of history.

In her final public lecture at the University of Alberta, Spender's topic will again be "Reflecting Men." The date for this lecture is 1 October. The lectures on 23 and 26 September and 1 October will be held in L-1 Humanities Centre from 7:30 to 9:30 p.m. The lectures are open to the public and admission is free. □

## Native Student Affairs Experiences Name Change

The Office of Native Student Affairs is now Native Student Services.

Acting Director Jeannine Laboucane says the change is part of the new directions for the office in which it has become strictly a student service unit for native stu-

dents on campus and in the native community.

The name change also connects with current developments in the School of Native Studies on campus. Tom Pocklington was recently appointed Interim Director of the School. □

## Edmonton Terry Fox Run – 15 September

The fifth annual Edmonton Terry Fox Run will be held 15 September at 1 p.m. at the Students' Union Building. The 10 kilometer run is being endorsed by the Students' Union and President Horowitz, and pledge sheets can be picked up at 7-11 Stores, the YMCA and YWCA, Shoppers Drug Marts, and Collegiate Sportsworld. □

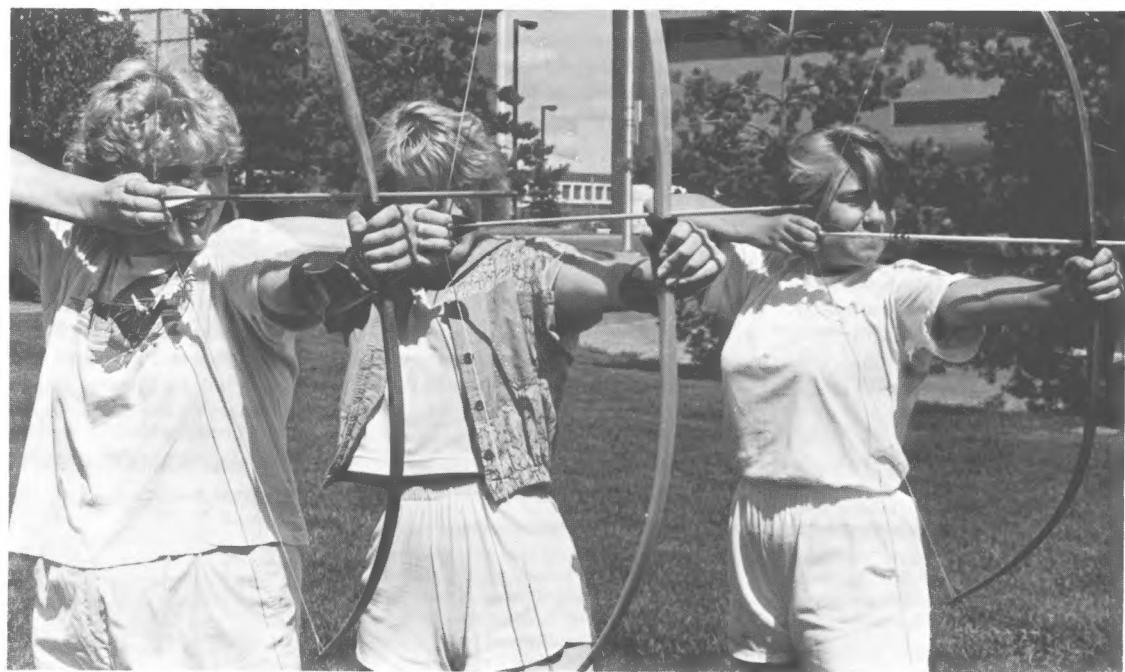


## Youth was Served (and Will be Again)

In two 10-day sessions, about 200 enthusiastic young people in grades 9 through 12 explored classrooms and labs, listened to stimulating lectures and participated in seminar-like discussions. They were students in the University's first Summer Youth University (SYU).

In advance of SYU, a review of summer "mini-universities" was initiated by the Physics and Mathematics Departments. In cooperation with the Faculties of Extension and Physical Education, SYU '85 was patterned after Manitoba's mini-university and the Universities of Calgary, York in Toronto, Simon Fraser in Vancouver and Dalhousie in Halifax, who are all developing and operating summer programs for junior and senior high school students. In exposing these students to the campus and University-type material, one of the aims of SYU is to assist young people in identifying their scholastic objectives as well as their own personal life goals.

SYU '85 offered a choice of three different programs; two a mix of arts and science courses, which were repeated, and the third a "math immersion" program. Each program combined daily academic classes with instruction in such areas as archery (a favorite), orienteering, floor hockey, racquetball,



*We don't know if these participants were on target but SYU definitely was.*

and weightlifting and aerobics (topped off with an hour of recreational swimming).

For the 11 Faculties and departments participating in SYU '85, it provided a unique opportunity to introduce potential students to their disciplines, which is especially useful to those students who are currently planning their

scholastic careers.

Program A's classes were in family studies, geology, law and vertebrate biology. Program B featured English, physics, music, and statistics. Program C contained lectures, research and seminars in University-standard mathematics. Some of the math students were working at the second-year University

level, reported J.W. Macki, Chairman of Mathematics, and a member of SYU's steering committee. Eight of the "math whiz kids" said they were planning careers in medicine.

In each of the Programs A and B, a faculty member volunteered to be "academic advisor", and chose graduate students from their Faculties to prepare the course material and lectures in both of the two-week sessions. The advisors also assisted with the lesson plans, the coordination of "hands on" materials and approved the course outlines. The 15-member team of graduate students generally reported that SYU was a very challenging summer job, demanding many teaching and organizational skills in the instruction of these bright, enthusiastic young people.

Slightly less than half of the students were from out of town, and many of these experienced life at Lister Hall, with its advantages (camaraderie) and disadvantages (food). They grumbled about the strict "house rules", but somehow, the fun and revelry seemed to spill over into the wee hours of the morning, making those 9 a.m. classes come awfully early. In this way, and many others, SYU was able to offer not just a sample, but a real taste of "University life."

SYU '85 was well-received, according to the student evaluation forms. Comments included "rave notices" and interest was expressed in attending SYU with different courses next year. The steering committee, in addition to Dr.

## Wall of Fame Stretching Far Beyond Pavilion

Physical Education and Recreation's Wall of Fame (and other) stock is rising.

At a news conference at the Westin Hotel last week, Gerry Glassford and Bob Steadward informed reporters that 16 individuals from the corporate sector like what they see and have agreed to be vice-chairmen for the first Sports Wall of Fame Dinner next week. Six other local businessmen are working with Dr. Steadward on the organizing committee.

Premier Lougheed will serve as honorary chairman of the gala event which will be held at the Westin beginning at 6:30 p.m. on 19 September.

Six former University of Alberta athletes were selected for the Wall in 1983 and another six will be acknowledged during the evening. Dr. Steadward, Chairman of Athletic Services, will name names and tell the anticipated 500 guests all

about the Wall. Joining him, Mr. Lougheed, Myer Horowitz and the vice-chairmen at the head table will be Tom Costello, former New York Giant and a member of the Round Table Club. The latter is known as an inspirational speaker.

Tickets are \$125 each and are available through Athletic Services. The 7 p.m. dinner will be followed by a dance.

The Sports Wall of Fame was a University 75th Anniversary project. Its purpose is to recognize and preserve the contributions of outstanding athletes and contributors to University sport.

The current members of the Wall are: Ethel Barnett Cuts and W.A. (Bill) Shandro (1920s), Beverly Richard (1960s), and Kathy Moore, Brian Fryer and Randy Gregg (1970s).

Support for the Wall of Fame enables the University to "continue to attract a steady flow of high cali-

bre student athletes, and to provide them with high quality facilities and coaching necessary to maintain international status."

The University's international reputation for excellence was enhanced several notches when it hosted the 1978 Commonwealth Games and Universiade '83. Now, Dean Glassford, Dr. Steadward and their colleagues want to increase the visibility of the Faculty and get the community out in force at Bears and Pandas games. The Wall of Fame Dinner should help set up more special events like last year's Bears vs. NAIT Ooksiks game, and draw attention to the importance of scheduling more matches involving international teams and invitational clinics run by coaches from a variety of nations, including East Germany. That noise you hear is the Faculty knocking on doors. □

Macki, includes: A. Fisher, Music; G. Moss, Physics; Dan Syrotuik, Athletics; and Gerry Wright, Extension. At its wind-up meeting, the committee unanimously concluded that the SYU program should be continued and developed, ideally with the participation of more Faculties.

SYU '85 was budgeted to be self-supporting and employed 15 graduate students, two sessional lecturers and one coordinator. Additional assistance and encouragement was provided by the President's Office, the City School Boards and Alberta Education. More information regarding SYU '86 will be available through either the Faculty of Extension or the Department of Athletics.\* □

\*This article was contributed by Maryanne Budnitsky.

## Talks

### Anatomy

16 September, noon. Adolf Martinez-Palomo, Centro de Investigacion y de Estudios Avanzados del IPN, Mexico. "Pathogenesis of Human Amebiasis." 6-28 Medical Sciences Building.

### Alberta Heritage Foundation for Medical Research

17 September, 12:30 p.m. Karin Ippen-Ihler, Department of Medical Microbiology and Immunology, College of Medicine, Texas A & M University, "Genes and Gene Products Involved in the Synthesis of F-pili." 2-27 Medical Sciences Building.

### Chemical Engineering

19 September, 3:30 p.m. Andreas Acrivos, Stanford University, "The Boycott Effect—Sedimentation in Settling Vessels Having Inclined Walls." E-346 Chemical-Mineral Engineering Building. 20 September, 3 p.m. Dr. Acrivos, "The Rheology of Concentrated Suspensions." E-346 Chemical-Mineral Engineering Building.

### Canadian Institute of Ukrainian Studies

20 September, 7:30 p.m. Roman Brytan, "The Azure Rose, Rediscovering Lesia Ukrainka's Unattainable Ideal." Heritage Lounge, Athabasca Hall.

### Boreal Institute

25 September, 7:30 p.m. Robert Paine, Institute of Social and Economic Research, Memorial University, "Territory and Reindeer Rustling Among the Saami (Lapps)." Tory Breezeway 1. Co-sponsored by Anthropology and the Provincial Museum.

### East Asian Languages and Literatures

25 September, 3:30 p.m. Joseph S.M. Lau, Professor and Chairman, University of Wisconsin at Madison, "The Question of Chinese Self in the Context of Western Literature." L-2 Humanities Centre. Co-sponsored by Comparative Literature, Slavic and East European Studies and East Asian Studies Committee.

## Canadian Mediterranean Institute's Winter Program

The Canadian Mediterranean Institute (CMI) was formed in the autumn of 1980 to serve as an umbrella organization for three Canadian academic centres abroad: the Canadian Archaeological Institute at Athens, the Canadian Academic Centre in Italy and the Canadian Institute in Egypt.

The aim of the CMI is to sustain a high standard of teaching and research in Canadian universities by encouraging and assisting scholarly and artistic work in Mediterranean countries in such fields as archaeology, architecture, the arts, engineering, history, language and literature, law, philosophy, religion

and science. In so doing, the CMI hopes to enhance Canadian awareness of our cultural roots in the Mediterranean region and to strengthen our links with Mediterranean countries.

An Edmonton Chapter of the CMI was formed recently and has planned a winter program which will include a presentation by Richard Smith on ancient Egypt, a preview of the 1986 University of Alberta summer school in Italy by Helena Fracchia and Maurizio Gualtieri, and a talk by Charles Baker on the autopsy of the University's mummy.

Anyone who is interested may



Elvis Presley rocks again in EFS Series.

### Botany

26 and 27 September. Canadian Pacific Symposium on "Applications of Biotechnology to Western Canadian Agriculture and Forestry." 432-4587.

### Films

16 September, noon. Lutheran Campus Ministry South African Film Series—"Devil's Circle" and Namibians in Exile." 158A SUB.

23 September, noon. "Cry for Freedom." 034 SUB.

### The Arts

#### SUB Theatre

13 September, 8 p.m. "2010" (1984). 15 September, 8 p.m. "The Falcon and The Snowman" (1985). 20 September, 7:30 p.m. The Canada-India Youth Society and the Edmonton Multicultural Society present "Edmonton Multicultural Youth Extravaganza." 420-6866.

21 September, 8 p.m. "Desperately Seeking Susan" (1985). 22 September, 8 p.m. "The Killing Fields" (1984). 27 to 29 September, 8 p.m. and 29 September, 2 p.m. The Azure Rose—an adaptation and translation of the Ukrainian play by Lesia Ukrainka. 426-4329 or 466-6538. Tickets at BASS.

#### Edmonton Chamber Music Society

2 October, 8 p.m. St. Martin in the Fields Octet. Admission by season membership only, available at SUB Box Office, Canadiana Galleries, Woodward's and the door. SUB Theatre.

### Sports

21 September, 2 p.m. Football—Golden Bears vs. University of Saskatchewan. 25 September, 7:30 p.m. Hockey—Golden Bears vs. Camrose College. 28 September, 2 p.m. Football—Golden Bears vs. University of Manitoba.

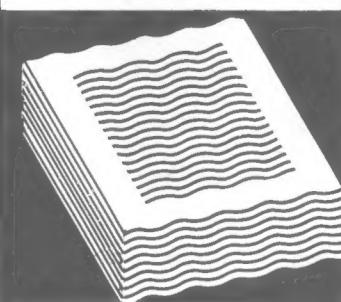
### Matters of Faith

Beginning 18 September, 7:30 to 9:30 p.m. "Understanding Catholicism," an 11-session series on the Catholic faith. The first session is "Scripture: Source of Revelation" by Fr. Paul Fachet, omi. 102 St. Joseph's College. 433-2275.

attend the meetings, which will be held in the Provincial Museum.

Membership of the CMI is open to all who wish to further the aims of the Institute; more information can be had from Edward Wilson, Helena Fracchia or Robert Buck at 432-2338. □

## Currents



### FSIDA's Fall Deadline

At its last meeting on 30 April, the Advisory Committee for the Fund for Support of International Development Activities (FSIDA) decided to change the Fall deadline from 15 September to 15 October. All potential applicants are herewith alerted to this change. For information and application forms, communicate with the secretary, Eva M. Cherniavsky, 3-31 University Hall, 432-4588.

### Study Leave

You are reminded that, in accordance with The Faculty Agreement, applications for 1986-87 study leave should be submitted, through Department Chairmen to Deans, no later than 15 October 1985. Application forms are available in Faculty offices or from the Office of the Vice-President (Academic).

### Elizabeth L. Empey Lecture Series

Home Economics and Extension and the Faculty of Continuing Extension at the University of Calgary are sponsoring the third Elizabeth L. Empey Lecture Series. The topic "Surviving Change: Coping With Stress in the 1980s" will be addressed by Hamilton McCubbin, Professor of Family Social Science, University of Minnesota. 18 September, 7:30 p.m. 432-5070.

### Library Cards

Library cards for new faculty and staff may be obtained in person or via campus mail from the Fines and Library Cards Office, 1-26 Cameron Library.

New or recurring full-time, part-time and sessional faculty and staff should present letters from their department verifying their departmental affiliation and the duration of their appointment. Library cards will be issued at that time. They provide borrowing privileges in all branches of the University of Alberta system.

### Library Information and Instruction

The 1985-86 library guide pamphlet is available at information desks in each library.

Direction, telephone checks of library

holdings or copies of the guide can be obtained by calling 432-4174.

From 16 September to 17 October, 45-minute instruction sessions on the use of the Library's catalogue system will be offered for new users on a drop-in basis.

#### St. Cecilia Orchestra Rehearsals

Due to a change in status to a community orchestra, the St. Cecilia Orchestra will be recruiting adult and student performers, particularly string players, to fill the ranks for the 1985-86 season. Conducted by Malcolm Forsyth, the St. Cecilia Orchestra has two scheduled concerts (1 December and 6 April) and an opera—Menotti's "The Consul." The Orchestra will also participate in the 20 October Violet Archer Festival at Maclab Theatre. Rehearsals take place on Tuesdays from 7 to 10 p.m. in 1-23 Fine Arts Building. Dr. Forsyth can be reached at 432-2384 or 434-2957.

#### Positions

*The University of Alberta is committed to the principle of equal opportunity in employment and encourages applications from all qualified people.*

*In accordance with Canadian Immigration requirements, these advertisements are directed to Canadian citizens and permanent residents.*

#### Non-Academic

To obtain further information on the following positions, please contact Personnel Services and Staff Relations, 2-40 Assinibina Hall, telephone 432-5201. These vacancies cannot be guaranteed beyond 6 September 1985.

Food Services Worker I, Housing and Food Services, (\$1,190-\$1,371)  
Laboratory Assistant II, Provincial Laboratory, (\$1,190-\$1,478)  
Clerk Typist II, Provincial Laboratory, (\$1,190-\$1,478)  
Clerk Typist II, Pensions and Benefits Administration, (\$1,190-\$1,478)  
Clerk Typist II, Anthropology, (\$1,190-\$1,478)  
Clerk Typist II (Term), Sociology, (\$1,190-\$1,478)  
Clerk Steno II (Trust), Extension (Legal Resource Centre), (\$1,190-\$1,478)  
Senior Financial Records Clerk (Trust), Cancer Research Group, (\$1,326-\$1,666)  
Clerk Steno III (Recurring Term), Philosophy, (\$1,326-\$1,666)  
Clerk Steno III (Trust), Biochemistry, (\$1,326-\$1,666)  
Clerk Steno III, Physics, (\$1,326-\$1,666)  
Clerk Steno III (Term), Sociology, (\$1,326-\$1,666)  
Clerk Steno III, Physics (Nuclear Research Centre), (\$1,326-\$1,666)  
Clerk Steno III, Instructional Technology Centre, (\$1,326-\$1,666)  
Clerk Steno III (Term), Extension (Local Government Studies), (\$1,326-\$1,666)  
Systems Control Clerk II, Physical Plant (\$1,478-\$1,888)  
Medical Stenographer (Trust), Medicine, (\$1,478-\$1,888)  
Secretary (Trust), Black Dragon River Consortium, (\$1,478-\$1,888)  
Administrative Clerk (Resident Assistant), Housing and Food Services, (\$1,478-\$1,888)  
Office Services Senior Clerk, Special Sessions, (\$1,666-\$2,144)  
Departmental/Executive Secretary, Faculty of Medicine, (\$1,666-\$2,144)  
Technician I (Part-Time, Trust), Psychiatry, (\$764-\$984)  
Building Services Worker II, Housing and Food Services, (\$1,326-\$1,666)  
Laboratory Assistant III, Anatomy, (\$1,326-\$1,666)  
Technical Assistant III, Pharmacology, (\$1,371-\$1,739)

Technician I (Trust), Anatomy, (\$1,534-\$1,968)  
Technician I (Trust), Surgical-Medical Research Institute, (\$1,534-\$1,968)  
Graphics Technician I, Technical Services (Graphics), (\$1,534-\$1,968)  
Technician II/Technologist I (Trust), Medical Microbiology, (\$1,739-\$2,237)  
Biochemistry Technician II/III (Trust), Pediatrics, (\$1,739-\$2,237)  
Technologist I, Home Economics (Foods and Nutrition), (\$1,888-\$2,437)  
Building Superintendent II, Physical Plant, (\$2,237-\$2,905)  
Technician IV, Physics, (\$2,237-\$2,905)  
Technologist III, Computing Science, (\$2,237-\$2,905)  
Technologist III, Plant Science, (\$2,237-\$2,905)  
Refrigeration Mechanic, Botany, (\$2,569)  
Programmer Analyst III, Computing Science, (\$2,661-\$3,475)

#### Academic

##### Herbert T. Coutts Library Collections/Reference Librarian

Reporting to the Collections Librarian, the incumbent will participate in all activities relating to the development and management of the education collection, including selection, evaluation of collections in relation to instructional and research programs, faculty liaison, and the development of collection policy. Duties also include the provision of reference service and assisting in the orientation and instruction of Library users. In addition to an accredited MLS, requirements are: previous experience in reference or collection development in the social sciences; ability to communicate and work effectively with faculty and students; a knowledge of scholarly publishing; an innovative approach to collection development. Preference will be given to applicants with a strong subject background in education or a closely related discipline; as well as experience in collection development, or previous experience in education reference.

The successful candidate will be appointed at the Librarian 1 level with a

salary range of \$24,604 to \$31,268. Applicants should send curriculum vitae, transcripts of academic record, and names of three references to Peter Freeman, Chief Librarian, University of Alberta, Edmonton, Alberta T6G 2J8. Closing date is 27 September 1985.

#### Chembomed Ltd.

Chembomed Ltd. is in the process of expanding its staff in the areas of Biochemistry and Immunology. Résumés are invited from those with training at the NAIT/BSc, MSc and PhD levels. Preference will be given to those with extensive laboratory experience.

Chembomed Ltd. is a biotechnology company engaged in research and development, marketing and sale of products in the health care area.

Résumés should be sent to Chembomed Ltd., 11145 87 Avenue, Edmonton, Alberta T6G 0Y1.

#### Assistant Secretary to GFC

The Secretariat, an administrative unit of the President's Office, requires an Assistant Secretary to General Faculties Council.

Responsibilities include liaison with Faculties and senior administrative offices on GFC-related matters, including academic standing matters and course/program changes. The

Assistant Secretary drafts minutes for the GFC Executive Committee and Council, revises the GFC Policy Manual and computerized index, researches and prepares agendas and meeting material, maintains the GFC Register of Committees, responds to enquiries related to GFC policies, and provides general assistance as required to the Secretary to GFC.

The position requires a thorough knowledge of the University's policies and system of government, excellent oral and written communication skills, and ability to relate well with others. A university degree is desirable. Knowledge of DECMATE word processors and the IBM 3178 computer terminal would be an asset.

Salary range: \$25,578 to \$38,370.

Applicants should send curriculum vitae and the names of three references to: Mrs. Ellen Solomon, Secretary to GFC, 2-1C University Hall, (432-5430) before 19 September 1985.

#### Advertisements

##### Accommodations available

For sale - Belgravia. Unique, 1,200 sq. ft. bungalow. Large lot. \$91,000 financing. Asking \$107,500. Immediate possession available. Ed Lastiwka, Royal LePage, 437-7480, 437-4984.

## Fred Katz

### PHOTOGRAPHER

7347 - 104 STREET  
EDMONTON, ALBERTA  
T6E 4B9  
PHONE: 431-0494

PROFESSIONAL PHOTOGRAPHERS OF CANADA  
Résumé and publicity portraits



## TRAVEL CUTS

### CORPORATE SERVICES

TRAVEL CUTS is fully appointed to make reservations for airlines, car rentals, hotels and tours — both international and domestic. We are fully computerized and our staff is knowledgeable about all aspects of travel. We offer you — a separate office with full-time staff working only on faculty travel — convenient on-campus location — a company with 15 years in the travel industry — support of 14 Canadian offices and one in London, England

Canadian Universities  
Travel Service Ltd  
Main Floor, SUB 432-2756

## KENYA SAFARI

### THRILL OF A LIFETIME

22 day fully escorted all inclusive tour from Calgary, Edmonton, Toronto and Montreal via Swissair, visiting most famous Game Reserves (Tree-top, Mt. Kenya, Safari Club, Samburu, Lake Naivasha, Lake Baringo, Masai Mara, Amboseli, Tsavo West National Park and Salt Lick Lodge, Nairobi National Park). Also 3 day beach holiday in Mombasa.

**\$4940 Calgary, Edmonton. \$4798 Toronto, Montreal**  
Cdn. per person twin

**Departures: Oct. 14, 1985, Feb. 2, July 6, Oct. 26, 1986**  
(Excellent weather and best time to see animals)

For Brochure and Further Information

### WINGS OF THE WORLD TRAVEL

Celebrating our 10th year — 1974 - 1984  
653 Mt. Pleasant Rd., Toronto, Ontario M4S 2N2  
(416) 482-1223

Member of BBB — Bonded and Reg'd Co.

For sale - Belgravia. Large, three-bedroom, semi-bungalow. Hardwood floors. Super location. Asking \$86,300. Ed or Art, Royal LePage, 437-7480.

Sale - Grandview, four bedrooms, three baths, two large fireplaces, family room, double garage. \$150,000 or best offer. 434-5477.

Rent - Furnished room (non-smoker). Private bath. Parking. Near campus. 433-3843.

Rent - 2/3-bedroom, unfurnished house. Easy walking distance to campus. 436-4663.

Sale - Character, three-bedroom, two-storey home with finished basement. Garneau. 433-1978 (evenings), 427-9246 (days).

For rent - Three-room apartment, own entrance. Three blocks from University. \$380/month. Older working lady preferred. 433-4870.

Rent - Furnished, self-contained, three-room, basement suite. 108 St. 86 Ave. Available 28 September. \$300 monthly. 469-8650.

Rent - Furnished bungalow to mature

couple. No pets. From mid-October to April. West end. Utilities, damage deposit, references. Phone 452-6232. Very reasonable.

Rent - Three-bedroom, split-level (Petrolia). 20 minutes from campus. Available 15 October. 435-2909.

Sale - University. Three adjacent homes, two blocks to campus. Home or revenue. Buy one or all. For details, call Chris Tenove, 433-5664, 436-5250. Spencer's.

Sale - Residential lots. One acre plus. \$49,000 and up. Call Chris Tenove, 433-5664, 436-5250. Spencer's.

Sale - City acreage. Custom-built, two-storey on 1.18 acres. For details, call Chris Tenove, 433-5664, 436-5250. Spencer's.

Sale - Lakefront. Lake Wabamun. North shore. Three properties. Chris Tenove, 433-5664, 436-5250. Spencer's.

Sale - Grandview. Super west location. 2,400 sq. ft. elegant home. Large bedrooms. Large kitchen. Two fireplaces. Double, attached garage. For details, call Chris Tenove, 433-5664, 436-5250. Spencer's.

Rent - Basement suites. Separate access, lots of windows, plants, backyard. Quiet neighborhood. 10629 69 Ave. Two-bedroom, \$350/month. 9827 90 Ave. One-bedroom, \$250/month. Tony, 435-0483.

#### Goods for sale

Cash paid for used appliances, 432-0272. New Royal typewriters, \$115-\$730, some with computer interface and rent-to-own plan. Used typewriters when available. Mark 9, HUB Mall. 432-7936.

Lowrey organ, ideal for small church or chapel. Cherrywood, full keyboard, one octave foot chord. \$1,000 or best offer. 434-5477.

Double mattress for sale. 439-2948. Whirlpool, heavy-duty washer, dryer, excellent condition, light usage. \$500 pair. Phone 432-1079.

#### Services

Donnic Word Processing. Specializing in theses, manuscripts, etc. 8315A 105 St. 432-1419.

Backaches? Stress tension? Special therapy at Back-Basics (supplementary healthcare reimburses treatment costs). Maria Krieg is a spine specialist, university-trained in Düsseldorf. 11610 75 Avenue, 436-8059.

Quaker worship, Sundays, 11 a.m. Soroptimist Room, YWCA. 100 Ave. 103 St.

Piano, theory, harmony lessons. Western Board. Robert Gariepy, 433-7238.

Will do all kinds of renovations, small and large. Phone 434-9709 eveni... Word processing, photocopying, typ... course, theses and résumés. Speed and quality. Mark 9, HUB Mall, 432-7936.

JL Citation Services. Computerized literature searching - all fields. Full searches & automatic updating. Search strategies carefully formulated. Satisfaction guaranteed. 487-8652.

For proofreading and rewriting at reasonable rates, call Gerry, 489-2819. Flute lessons, near University. Experienced teacher and performer. BMus, BS ED, ARMTA. Doreen Beck, 439-1266.



## THE TOY PEDLAR

11206 - 76 Avenue  
Edmonton, Alberta, T6G 0K1  
Telephone (403) 435-5180

\* Toys from Around the World \*  
\* Doll's Hospital      Toy Repairs \*

## THANK YOU

FOR YOUR CONTINUING SUPPORT OF OUR BOOKS. PLEASE CALL ME IF YOU NEED URGENT ACTION FOR JANUARY COURSES.

RAY FRIEDMAN 434 2054

PRENTICE HALL PUBLISHERS

# AUCTION

## UNIVERSITY OF ALBERTA & EDMONTON PUBLIC SCHOOLS

OCT. 9th, WED. at 6:00 p.m.  
Previewing: 12:00 to 6:00 p.m. Oct. 9th

14608 - 115 Avenue

Watch FOLIO for more details!

Currently receiving Surplus Equipment Declarations  
for above Oct. 9th Auction and Nov. 20th Auction